

Title (en)  
DILUTE LIQUID PHASE ALKYLATION

Title (de)  
VERDÜNNTE FLÜSSIGPHASENALKYLIERUNG

Title (fr)  
ALKYLATION A PHASE LIQUIDE DILUEE

Publication  
**EP 1968919 A4 20090121 (EN)**

Application  
**EP 07716344 A 20070105**

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• US 75677806 P 20060107

Abstract (en)  
[origin: WO2007081781A2] Methods of forming ethylbenzene are described herein. In one embodiment, the method includes contacting dilute ethylene with benzene in the presence of an alkylation catalyst to form ethylbenzene, wherein such contact occurs in a liquid phase reaction zone and recovering ethylbenzene from the reaction zone.

IPC 8 full level  
**C07C 2/64** (2006.01)

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**C07C 2/64** (2013.01 - KR); **C07C 2/66** (2013.01 - EP KR US); **C07C 15/073** (2013.01 - KR); **C07C 2523/10** (2013.01 - EP US); **C07C 2529/08** (2013.01 - EP US); **C07C 2529/70** (2013.01 - EP US)

Citation (search report)  
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• [X] WO 9611175 A1 19960418 - EXXON CHEMICAL PATENTS INC [US]  
• [X] US 2001018545 A1 20010830 - ZHANG JIRUI [CN], et al  
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Citation (examination)  
• US 5856607 A 19990105 - KIM DAE K [US]  
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DOCDB simple family (publication)  
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